Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 03/08/2020

: CP-2020-09-16-54

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

: EE(Project)/Ynk Zone/WO/157/2019-20

: 08-07-20

: PCC Above SWD Sides

: 150X150X150 mm

: M15 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 03/08/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
PCC Above SWD Sides	M15	06/07/2020	03/08/2020	150.61 X 150.16 X 149.57	22615	**8.313**	391.8	17.3	17.3
PCC Above SWD Sides	M15	06/07/2020	03/08/2020	150.35 X 149.56 X 149.94	22486	**8.362**	391.7	17.4	
PCC Above SWD Sides	M15	06/07/2020	03/08/2020	151.50 X 151.29 X 151.62	22921	**8.513**	396.2	17.3	

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Page 1/1
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-16-54 **Date: 07/07/2020**

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

: EE(Project)/Ynk Zone/WO/157/2019-20

: 02-07-20

: Flooring PCC Inside Shed

: 150X150X150 mm

: M15 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 07/07/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
Flooring PCC Inside Shed	M15	30/06/2020	07/07/2020	149.38 X 151.00 X 151.38	22558	8.935	286.0	12.7	12.4
Flooring PCC Inside Shed	M15	30/06/2020	07/07/2020	150.47 X 151.94 X 151.50	22862	8.328	274.7	12.0	
Flooring PCC Inside Shed	M15	30/06/2020	07/07/2020	151.24 X 149.84 X 151.86	22662	8.886	283.0	12.5	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-16-54 **Date: 28/07/2020**

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

: EE(Project)/Ynk Zone/WO/157/2019-20

: 02-07-20

: Flooring PCC Inside Shed

: 150X150X150 mm

: M15 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 28/07/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Flooring PCC Inside Shed	M15	30/06/2020	28/07/2020	149.24 X 151.95 X 149.77	22677	**8.979**	396.6	17.5	17.7
Flooring PCC Inside Shed	M15	30/06/2020	28/07/2020	149.54 X 151.87 X 151.22	22710	**8.627**	406.3	17.9	
Flooring PCC Inside Shed	M15	30/06/2020	28/07/2020	151.18 X 150.24 X 151.57	22714	**8.614**	399.7	17.6	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-16-54

Date: 07/07/2020

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

: EE(Project)/Ynk Zone/WO/157/2019-20

: 02-07-20

: Flooring PCC Inside Shed

: 150X150X150 mm

: M15 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 07/07/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Flooring PCC Inside Shed	M15	30/06/2020	07/07/2020	151.59 X 150.79 X 149.17	22858	**8.935**	276.5	12.1	12.5
Flooring PCC Inside Shed	M15	30/06/2020	07/07/2020	151.81 X 151.05 X 151.12	22931	**8.328**	295.8	12.9	
Flooring PCC Inside Shed	M15	30/06/2020	07/07/2020	151.40 X 151.07 X 151.11	22872	**8.886**	285.2	12.5	

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Page 1/1
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-16-54 **Date: 28/07/2020**

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Receipt : 02-07-20

ID : Flooring PCC Inside Shed

Type /Size : 150X150X150 mm

grade/Age : M15 / 28 Days Compressive Strength

to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

test : 28/07/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Flooring PCC Inside Shed	M15	30/06/2020	28/07/2020	150.68 X 150.05 X 149.95	22609	8.979	388.1	17.2	17.5
Flooring PCC Inside Shed	M15	30/06/2020	28/07/2020	149.83 X 150.90 X 149.06	22610	8.627	405.4	17.9	
Flooring PCC Inside Shed	M15	30/06/2020	28/07/2020	151.83 X 149.88 X 151.36	22757	8.614	398.6	17.5	

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TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-09-16-54** **Date: 24/08/2020**

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

: EE(Project)/Ynk Zone/WO/157/2019-20

: 19-08-20

: PCC Outside Near Shops

: 150X150X150 mm

: M15 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 24/08/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
PCC Outside Near Shops	M15	17/08/2020	24/08/2020	149.18 X 149.17 X 151.06	22253	**8.295**	271.2	12.2	12.4
PCC Outside Near Shops	M15	17/08/2020	24/08/2020	151.99 X 150.44 X 150.89	22867	**8.235**	293.1	12.8	
PCC Outside Near Shops	M15	17/08/2020	24/08/2020	150.79 X 149.80 X 150.02	22589	**8.875**	272.4	12.1	

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TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-09-16-54** **Date: 14/09/2020**

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

: EE(Project)/Ynk Zone/WO/157/2019-20

: 19-08-20

: PCC Outside Near Shops

: 150X150X150 mm

: M15 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 14/09/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
PCC Outside Near Shops	M15	17/08/2020	14/09/2020	149.25 X 149.10 X 149.78	22254	**8.170**	378.7	17.0	17.5
PCC Outside Near Shops	M15	17/08/2020	14/09/2020	150.28 X 149.14 X 150.57	22412	**8.124**	394.1	17.6	
PCC Outside Near Shops	M15	17/08/2020	14/09/2020	151.72 X 151.27 X 151.49	22951	**8.990**	412.5	18.0	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-09-16-54 **Date: 24/08/2020**

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Client : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Client's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 19-08-20

Customer ID : PCC Outside Near Shops

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of Test : 24/08/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC Outside Near Shops	M15	17/08/2020	24/08/2020	149.60 X 150.29 X 150.23	22484	**8.295**	288.4	12.8	12.7
2	PCC Outside Near Shops	M15	17/08/2020	24/08/2020	151.40 X 149.84 X 151.26	22686	**8.235**	287.7	12.7	
3	PCC Outside Near Shops	M15	17/08/2020	24/08/2020	150.40 X 151.70 X 150.62	22816	**8.875**	287.5	12.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 14/09/2020

: **CP-2020-09-16-54**

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 19-08-20

Customer ID : PCC Outside Near Shops

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/09/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC Outside Near Shops	M15	17/08/2020	14/09/2020	149.62 X 150.39 X 151.73	22502	**8.170**	384.3	17.1	17.3
2	PCC Outside Near Shops	M15	17/08/2020	14/09/2020	151.76 X 149.40 X 149.64	22673	**8.124**	388.4	17.1	
3	PCC Outside Near Shops	M15	17/08/2020	14/09/2020	149.50 X 149.97 X 150.97	22420	**8.990**	399.4	17.8	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-09-16-54** **Date: 01/07/2020**

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Owner : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	01/07/2020	150.56 X 149.45 X 150.36	22502	**8.414**	407.4	18.1	18.2
2	SWD Slab Concrete	M20	24/06/2020	01/07/2020	150.09 X 151.23 X 151.99	22697	**8.708**	414.9	18.3	
3	SWD Slab Concrete	M20	24/06/2020	01/07/2020	149.04 X 149.09 X 149.79	22221	**8.552**	407.3	18.3	

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Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-16-54 **Date: 22/07/2020**

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 22/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.52 X 150.72 X 150.47	22686	**8.645**	522.1	23.0	23.0
2	SWD Slab Concrete	M20	24/06/2020	22/07/2020	151.27 X 149.30 X 151.37	22585	**8.670**	497.9	22.0	
3	SWD Slab Concrete	M20	24/06/2020	22/07/2020	151.89 X 150.19 X 151.47	22812	**8.366**	547.2	24.0	

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Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-09-16-54** **Date: 01/07/2020**

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Agency : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	01/07/2020	151.33 X 149.61 X 151.85	22641	**8.414**	411.3	18.2	18.4
2	SWD Slab Concrete	M20	24/06/2020	01/07/2020	151.00 X 149.97 X 149.71	22646	**8.708**	412.6	18.2	
3	SWD Slab Concrete	M20	24/06/2020	01/07/2020	151.77 X 151.01 X 151.36	22919	**8.552**	433.8	18.9	

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Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-09-16-54** **Date: 22/07/2020**

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

: EE(Project)/Ynk Zone/WO/157/2019-20

: 26-06-20

: SWD Slab Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 22/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	22/07/2020	151.74 X 151.49 X 149.37	22986	**8.645**	538.8	23.4	23.0
2	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.09 X 151.07 X 150.11	22675	**8.670**	499.4	22.0	
3	SWD Slab Concrete	M20	24/06/2020	22/07/2020	149.42 X 149.41 X 149.77	22325	**8.366**	528.0	23.7	

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Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 01/07/2020

Lab ID : CP-2020-09-16-54

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Owner : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	01/07/2020	149.19 X 149.29 X 149.93	22273	8.414	405.7	18.2	18.3
2	SWD Slab Concrete	M20	24/06/2020	01/07/2020	150.65 X 150.64 X 149.13	22694	8.708	423.4	18.7	
3	SWD Slab Concrete	M20	24/06/2020	01/07/2020	151.92 X 149.24 X 151.80	22673	8.552	410.3	18.1	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 22/07/2020

Lab ID : CP-2020-09-16-54

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Agency : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 22/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	22/07/2020	151.81 X 151.77 X 151.82	23040	**8.645**	533.1	23.1	23.0
2	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.21 X 150.47 X 150.98	22602	**8.670**	498.6	22.1	
3	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.78 X 151.55 X 151.59	22850	**8.366**	543.4	23.8	

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Page 1/1
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-09-16-54** **Date: 01/07/2020**

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Owner : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	01/07/2020	149.33 X 150.68 X 151.75	22501	**8.414**	419.4	18.6	18.5
2	SWD Slab Concrete	M20	24/06/2020	01/07/2020	149.09 X 150.87 X 149.65	22493	**8.708**	407.2	18.1	
3	SWD Slab Concrete	M20	24/06/2020	01/07/2020	151.56 X 149.05 X 150.02	22590	**8.552**	425.9	18.9	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-09-16-54

Date: 22/07/2020

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Agency : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 22/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.95 X 150.45 X 151.28	22710	**8.645**	532.4	23.4	23.2
2	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.21 X 150.03 X 150.00	22536	**8.670**	516.0	22.9	
3	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.97 X 150.69 X 150.07	22750	**8.366**	527.5	23.2	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-09-16-54

Date: 01/07/2020

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Agency : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 01/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	01/07/2020	150.25 X 151.79 X 151.36	22806	8.414	413.6	18.1	18.4
2	SWD Slab Concrete	M20	24/06/2020	01/07/2020	150.42 X 151.50 X 151.61	22789	8.708	427.9	18.8	
3	SWD Slab Concrete	M20	24/06/2020	01/07/2020	150.60 X 149.26 X 150.31	22479	8.552	411.6	18.3	

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Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-09-16-54** **Date: 22/07/2020**

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Agency : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 26-06-20

Customer ID : SWD Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 22/07/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.12 X 150.24 X 149.87	22554	**8.645**	524.8	23.3	23.1
2	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.07 X 150.50 X 149.66	22585	**8.670**	503.8	22.3	
3	SWD Slab Concrete	M20	24/06/2020	22/07/2020	150.50 X 151.39 X 149.63	22784	**8.366**	540.1	23.7	

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Quality Manager

Page 1/1
****End of Report****

Format No: CP/TF/2017

TEST REPORT FOR SAND MASONRY MORTARS

Lab ID : **CP-2020-09-16-54** **Date: 15-06-20**

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Agency : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 12-06-20

Sample Type : Fine Aggregate, M.Sand for Mortar

Reference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2116-1980 (RA-2007) (Specification for Sand for Masonry Mortars)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

Date of test : 12-06-20

Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 2116-1980 (RA-2007)
1	4.75 mm	0	0	0	100	100
2	2.36 mm	85	85	8.5	91.5	90-100
3	1.18 mm	200	285	28.5	71.5	70-100
4	600 micron	146	431	43.1	56.9	40-100
5	300 micron	116.5	547.5	54.8	45.3	5-70
6	150 micron	412.5	960	96.0	4.0	0-15
7	Pan	40	1000	100.0	0.0	0

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